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Rolf Oppliger

May 1997 **Communications of the ACM**, Volume 40 Issue 5

Full text available: pdf(339.15 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#),
[review](#)**2** [Pluggable Authentication Modules for Linux: An implementation of a user-
authentication API](#)

Andrew G. Morgan

December 1997 **Linux Journal**Full text available: html(25.65 KB) Additional Information: [full citation](#), [index terms](#)**3** [Using policies for effective network management](#)

Michele J. Wright

March 1999 **International Journal of Network Management**, Volume 9 Issue 2Full text available: pdf(469.84 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The goal of policy-based management is to reduce the complex administration of networks.
Copyright © 1999 John Wiley & Sons, Ltd.

4 [Evaluation of an algorithm for finding a match of a distorted texture pattern in a large
image database](#)

N. Vujovic, D. Brzakovic

January 1998 **ACM Transactions on Information Systems (TOIS)**, Volume 16 Issue 1Full text available: pdf(499.06 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Evaluation of an algorithm for finding a match for a random texture pattern in a large image database is presented. The algorithm was designed assuming that the random pattern may be subject to misregistration relative to its representation in the database and assuming that it may have missing parts. The potential applications involve authentication of legal documents, bank notes, or credit cards, where thin fibers are embedded randomly into the document medium during medium fabrication. Th ...

Keywords: image database, image matching, misregistration, presentation of information, random pattern

5 A measurement analysis of Internet traffic over frame relay

Judith L. Jerkins, John Monroe, Jonathan L. Wang

September 1999 **ACM SIGMETRICS Performance Evaluation Review**, Volume 27 Issue 2


Full text available:  [pdf\(1.09 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Various approaches have been proposed and implemented to relieve the congestion in the Public Switched Telephone Networks (PSTNs) induced by recent meteoric growth of Internet services. The Internet/Intranet Transport Service (IITS) offered by the Southwestern Bell Telephone (SWBT) Company provides an example of one such implementation which off-loads the long-holding time data traffic from PSTNs to a packet technology (in this case Frame Relay). This paper describes analysis of 1997 IITS traffic ...

6 A High Availability Clustering Solution

Phil Lewis

August 1999 **Linux Journal**

Full text available:  [html\(34.77 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Mr. Lewis tells us how he designed and implemented a simple high-availability solution for his company

7 Best of Technical Support

April 1998 **Linux Journal**

Full text available:  [html\(9.54 KB\)](#) Additional Information: [full citation](#), [index terms](#)

8 Graphical user interface of FIESTA—software for faults identification and estimation of testability of VLSI circuits

Mykola Blyzniuk, Taras Panchak, Wieslaw Kuzmich, Witold Pleskacz

February 2000 **Proceedings of the symposium on Contemporary computing in Ukraine**

Full text available:  [pdf\(7.00 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

We present the graphical user interface (GUI) of FIESTA software tools. It is based on the proposed principles of open systems development. FIESTA was designed as UNIX application and works under Solaris 2.5.1. Graphical user interface of FIESTA has been developed with the use of Tel/Tk 8.2 design environment.

Keywords: faults identification, graphical user interface, software tools, usefulness of test vector components

9 Pakistan On-Line

Rafeeq Ur Rehman

April 2000 **Linux Journal**

Full text available:  [html\(11.70 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Linux is being used as an ISP in Pakistan--Mr. Rehman tells us why.

10 New ProductsMay 1998 **Linux Journal**Full text available:  [html\(6.37 KB\)](#) Additional Information: [full citation](#), [index terms](#)**11 The DASH project (summary of current research)**

David P. Anderson, Domenico Ferrari

September 1986 **Proceedings of the 2nd workshop on Making distributed systems work**Full text available:  [pdf\(167.38 KB\)](#) Additional Information: [full citation](#), [references](#)**12 Mobile IP and the IETF**


Charles E. Perkins

July 1999 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 3
Issue 3Full text available:  [pdf\(466.87 KB\)](#) Additional Information: [full citation](#), [index terms](#)**13 Mobile IP and the IETF**

Charles E. Perkins

January 2000 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 4
Issue 1Full text available:  [pdf\(691.83 KB\)](#) Additional Information: [full citation](#), [index terms](#)**14 An authentication-combined access control scheme using a geometric approach in distributed systems**

Woel-Jiunn Tsaur, Shi-Jinn Horng, Chia-Ho Chen

April 1997 **Proceedings of the 1997 ACM symposium on Applied computing**Full text available:  [pdf\(498.43 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)**Keywords:** access control, cryptography, distributed systems, user authentication**15 Database and location management schemes for mobile communications**

Anna Hać, Bo Liu

December 1998 **IEEE/ACM Transactions on Networking (TON)**, Volume 6 Issue 6Full text available:  [pdf\(264.51 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)**Keywords:** GSM, broadcast, cost, mobility management, partition, routing, switching**16 A fuzzy commitment scheme**

Ari Juels, Martin Wattenberg

November 1999 **Proceedings of the 6th ACM conference on Computer and communications security**Full text available:  [pdf\(966.08 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#)

terms

We combine well-known techniques from the areas of error-correcting codes and cryptography to achieve a new type of cryptographic primitive that we refer to as a fuzzy commitment scheme. Like a conventional cryptographic commitment scheme, our fuzzy commitment scheme is both concealing and binding: it is infeasible for an attacker to learn the committed value, and also for the committer to decommit a value in more than one way. In a convent ...

17 Project EXODUS: experimental mobile multimedia deployment in ATM networks

J. C. Francis, D. V. Polymeros, G. L. Lyberopoulos, V. Vande Keere, A. Elberse, P. Rogl, L. Vezzoli

June 1998 **Mobile Networks and Applications**, Volume 3 Issue 1

Full text available:  pdf(930.31 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper reports on European Commission sponsored research within the EXODUS project. The project carries out research in the context of the evolution towards UMTS and performs personal and terminal multimedia mobility experiments using fixed and wide-band radio access in an international ATM network. After introducing the EXODUS platform and services, the paper presents an IN-based functional model which is suitable for support of mobile multimedia services in ATM networks. Interworking ...

18 Notification servers for synchronous groupware

John F. Patterson, Mark Day, Jakov Kucan

November 1996 **Proceedings of the 1996 ACM conference on Computer supported cooperative work**

Full text available:  pdf(850.36 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: client/server architectures, design principles, groupware infrastructure, multi-user applications, notification, performance, protocol, state sharing, synchronous groupware

19 Intersystem location update and paging schemes for multitier wireless networks

Wenye Wang, Ian F. Akyildiz

August 2000 **Proceedings of the 6th annual international conference on Mobile computing and networking**


Full text available:  pdf(1.07 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Global wireless networks enable mobile users to communicate regardless of their locations. One of the most important issues is location management in a highly dynamic environment because mobile users may roam between different wireless networks, network operators, and geographical regions. In this paper, a location tracking mechanism is introduced, which consists of intersystem location updates using the concept of boundary location area (BLA) and paging using the concept of boundary locati ...

20 Multicast operation of the ad-hoc on-demand distance vector routing protocol

Elizabeth M. Royer, Charles E. Perkins

August 1999 **Proceedings of the 5th annual ACM/IEEE international conference on Mobile computing and networking**

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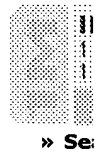
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1 Improving mobile authentication with new AAA protocols
Kim, H.; Afifi, H.;

 Communications, 2003. ICC '03. IEEE International Conference on , Volume: 1 , 11-15 May 2003
 Pages:497 - 501 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(649 KB\)\]](#) IEEE CNF

2 Mobile IP and WLAN with AAA authentication protocol using identity-based cryptography
Byung-Gil Lee; Doo-Ho Choi; Hyun-Gon Kim; Seung-Won Sohn; Kil-Houm Park;
 Telecommunications, 2003. ICT 2003. 10th International Conference on , Vol. 1 , 23 Feb.-1 March 2003
 Pages:597 - 603 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) IEEE CNF

3 Mobile IP joins forces with AAA
Perkins, C.E.;

 Personal Communications, IEEE [see also IEEE Wireless Communications] , Volume: 7 , Issue: 4 , Aug. 2000
 Pages:59 - 61

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) IEEE JNL

4 Concatenated wireless roaming security association and authentication protocol using ID-based cryptography
Byung-Gil Lee; Hyun-gon Kim; Sung-Won Sohn; Kil-Houm Park;
 Vehicular Technology Conference, 2003. VTC 2003-Spring. The 57th IEEE Semiannual , Volume: 3 , 22-25 April 2003

Pages:1507 - 1511 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(427 KB\)\]](#) IEEE CNF

5 Authentication and key generation for mobile IP using GSM authentication and roaming

Haverinen, H.; Asokan, N.; Maattanen, T.;

Communications, 2001. ICC 2001. IEEE International Conference on , Volume 8 , 11-14 June 2001

Pages:2453 - 2457 vol.8

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) IEEE CNF

6 Mobile IP and security issue: an overview

Perkins, C.;

Internet Technologies and Services, 1999. Proceedings. First IEEE/Popov Workshop on , 1999

Pages:131 - 148

[\[Abstract\]](#) [\[PDF Full-Text \(820 KB\)\]](#) IEEE CNF

7 AAA protocols: authentication, authorization, and accounting for the Internet

Metz, C.;

Internet Computing, IEEE , Volume: 3 , Issue: 6 , Nov.-Dec. 1999

Pages:75 - 79

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) IEEE JNL

8 A novel service-oriented AAA architecture

Rui He; Man Yuan; Jianping Hu; Hong Zhang; Zhigang Kan; Jian Ma;

Personal, Indoor and Mobile Radio Communications, 2003. PIMRC 2003. 14th Proceedings on , Volume: 3 , 7-10 Sept. 2003

Pages:2833 - 2837 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(415 KB\)\]](#) IEEE CNF

9 Basic access network assisted IP mobility and AAA in MIRAI architecture

Mahmud, K.; Hasegawa, M.; Wu, G.; Mizuno, M.;

Vehicular Technology Conference, 2002. VTC Spring 2002. IEEE 55th , Volume 4 , 6-9 May 2002

Pages:1660 - 1664 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(661 KB\)\]](#) IEEE CNF

10 Mobility amongst heterogeneous networks with AAA support

Cappiello, M.; Floris, A.; Veltri, L.;

Communications, 2002. ICC 2002. IEEE International Conference on , Volume 4 , 28 April-2 May 2002

Pages:2064 - 2069 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(1451 KB\)\]](#) IEEE CNF

11 An AAA architecture extension for providing differentiated services mobile IP users

Braun, T.; Ru, L.; Stattenberger, G.;

Computers and Communications, 2001. Proceedings. Sixth IEEE Symposium on , 3-5 July 2001

Pages:472 - 478

[\[Abstract\]](#) [\[PDF Full-Text \(580 KB\)\]](#) IEEE CNF

12 AAA: a survey and a policy-based architecture and framework

Rensing, C.; Karsten, M.; Stiller, B.;

Network, IEEE , Volume: 16 , Issue: 6 , Nov.-Dec. 2002

Pages:22 - 27

[\[Abstract\]](#) [\[PDF Full-Text \(937 KB\)\]](#) IEEE JNL

13 Authenticated access for IPv6 supported mobility

Engelstad, P.; Haslestad, T.; Paint, F.;

Computers and Communication, 2003. (ISCC 2003). Proceedings. Eighth IEEE International Symposium on , 30 June-3 July 2003

Pages:569 - 575 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) IEEE CNF

14 Access control in IPv6-based roaming scenarios

Floris, A.; Veltri, L.;

Communications, 2003. ICC '03. IEEE International Conference on , Volume: 2 , 11-15 May 2003

Pages:913 - 917 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(429 KB\)\]](#) IEEE CNF

15 An all-IP solution for QoS mobility management and AAA in the 4G mobile networks

Dell'Uomo, L.; Scarrone, E.;

Wireless Personal Multimedia Communications, 2002. The 5th International Symposium on , Volume: 2 , 27-30 Oct. 2002

Pages:591 - 595 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(663 KB\)\]](#) IEEE CNF

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